

Digital RF Modulators

CVT 1stereo

MTS STEREO audio, digital circuitry, versatility, and power at an affordable price. Channel Vision's CVT 1stereo model accepts one audio/ video input for modulation on the channel of your choice. A full 30+dB output provides a powerful signal for long cable runs. Includes an external impedance matching switch for loop through stereo audio. PLL crystal controlled oscillator circuitry means set-up is quick and easy. Just select the TV band, then use the push buttons to choose an unoccupied channel on your TV set. UHF 14-78, Ultraband 59-135 or split band 14-39 and 91-135.

Features:

- MTS Stereo
- Full 30+dBmV output
- PLL Digital Circuitry
- Video Level Adjustment
- Ultraband (59-135)
and UHF (14-78) (Excluding 95-99)
- External 75 ohm/1K ohm Switch
- Stereo Output Loop Connections Built In
- Non Volatile Channel Memory
- Push Button Channel Selector
- 3 Digit LED Display



Specifications:

RF Modulator	PLL Synthesized Oscillator	Spurious Output Rejection
Video	NTSC	Outside Carrier +12MHz Greater than 70dBC
Audio	MTS Stereo	Inside Carrier +12MHz Greater than 55dBC
RF Carriers		Isolation Greater than 70dB
Frequency Stability	+1KHz	Inputs
Frequency Ranges	UHF 471.25-855.25MHz Ultraband 433.25-859.25MHz	Video 0.4V-2.7V Peak to Peak adjustable Audio 1V RMS
Channels	UHF 14-78, Ultraband 59-135	Connectors
Channel Width	6.0MHz	Video Inputs RCA Female Audio Inputs RCA Female(stereo loop thru) RF Output F type female
Audio Offset	4.5MHz	Signal Combiner Supplied with unit
Sidebands	Double	Operating Temps 0C to 50C
RF Output		Transformer Input
Maximum	35dBmV	Input Voltage 115 VAC, 50/60Hz
Gain Range	20dBmV Adjustable Attenuator	Power 8 Watts
Video Output	1VPeak to Peak	Output Voltage 26.0 VAC C/T @ 400mA
Audio Output	1V RMS	Exterior ABS resin fiber - black
Video Performance		Display 3 digit channel display
Differential Gain	Less than 2% (0.2dB)	Channel Selector Up/Down selector buttons
Differential Phase	Less than 3 degree	Dimensions: 9" x 6" x 2.8"
Signal/Noise Ratio	Greater than 52dB	



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